



12/22/03

Docket No. VPI/98-103 CON DIV

Applicants : Saunders, Jeffrey O., et al.
Application No. : 10/671,967
Confirmation No. : Not Yet Assigned
Filed : September 25, 2003
For : INHIBITORS OF IMPDH ENZYME
Group Art Unit : Not Yet Assigned
Examiner : Not Yet Assigned

"EXPRESS MAIL" mailing label number EV133110491US

Date of Deposit: December 18, 2003

I hereby certify that this paper/fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Hon. Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Lillian Garcia

Transmittal Letter (in duplicate);
Information Disclosure Statement;
Form PTO-1449 (in duplicate); and
Copy of the International Search Report.



VPI/98-103 CON DIV

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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New York, New York
December 18, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Sir:

Transmitted herewith: ☐ a Preliminary Amendment;
☒ an Information Disclosure Statement; ☒ a Form PTO-1449
(in duplicate); ☒ a copy of the International Search Report;
☐ a Declaration; ☐ a Supplemental Declaration; ☐ a Power
of Attorney; ☐ an Associate Power of Attorney; ☐ formal
drawings; to be filed in the above-identified patent
application.

FEE FOR ADDITIONAL CLAIMS

☒ A fee for additional claims is not required.

☐ A fee for additional claims is required.

EV133110491US

The additional fee has been calculated as shown below:

CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEES
TOTAL CLAIMS	-	* =	X \$ 18 =	\$
INDEPENDENT CLAIMS	-	** =	X \$ 86 =	\$
FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM			+ \$290 =	\$
* If less than 20, insert 20.				TOTAL \$ <u> </u>

** If less than 3, insert 3.

[] A check in the amount of \$_____ in payment of the filing fee is transmitted herewith.

[X] The Director is hereby authorized to charge payment of any additional filing fees required under 37 C.F.R. § 1.16, in connection with the paper(s) transmitted herewith, or credit any overpayment of same, to deposit Account No. 06-1075. A duplicate copy of this transmittal letter is transmitted herewith.

[] Please charge \$_____ to Deposit Account No. 06-1075 in payment of the filing fee. A duplicate copy of this transmittal letter is transmitted herewith.

EXTENSION FEE

[] The following extension is applicable to the Response filed herewith; [] \$110.00 extension fee for response within first month pursuant to 37 C.F.R. § 1.136(a); [] \$420.00 extension fee for response within second month pursuant to 37 C.F.R. § 1.136(a); [] \$950.00 extension fee for response within third month pursuant to 37 C.F.R. § 1.136(a); [] \$1,480.00 extension fee for response within fourth month pursuant to 37 C.F.R.

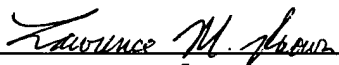
§ 1.136(a); \$2,010.00 within fifth month pursuant to
37 C.F.R. § 1.136(a).

☐ A check in the amount of ☐ \$110.00; ☐ \$420.00;
☐ \$950.00; ☐ \$1,480.00; ☐ \$2,010.00 in payment
of the extension fee is transmitted herewith.

☒ The Director is hereby authorized to charge payment
of any additional fees required under 37 C.F.R. §
1.17 in connection with the paper(s) transmitted
herewith, or to credit any overpayment of same, to
Deposit Account No. 06-1075. A duplicate copy of
this transmittal letter is transmitted herewith.

☐ Please charge the ☐ \$110.00; ☐ \$420.00;
☐ \$950.00; ☐ \$1,480.00; ☐ \$2,010.00; extension
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this transmittal letter is transmitted herewith.


James F. Haley, Jr. (Reg. No. 27,794)
Larry A. Coury (Reg. No. 46,236)
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Lawrence M. Brown (Reg. No. 52,660)
Agent for Applicants

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P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97,
applicants, through their representatives, make of record
the following documents*:

* For the convenience of the Examiner, a complete Form PTO-1449, listing these documents, is attached.

UNITED STATES PATENTS

<u>Inventor</u>	<u>Serial No.</u>	<u>Class/Subclass</u>	<u>Issue Date</u>
Grether et al.	1,935,554	564/140	11/14/33
Lubs et al.	2,025,116	564/140	12/24/35
Cox et al.	3,064,049	564/173	11/13/62
Sasaki et al.	4,242,260	260/160	12/30/80
Sjogren, Eric B.	5,380,879	549/310	1/10/95

FOREIGN PATENT APPLICATIONS

<u>Country</u>	<u>Publication No.</u>	<u>Publication Date</u>
PCT	WO 97/40028	10/30/97
PCT	WO 99/55663	11/4/99
Germany	838,290	5/28/50
France	1,584,606	7/30/68

REFERENCES

(1) Barr et al., "Indoaniline dyes", Chemical Abstracts, (1961) 55:24.

(2) Boit, Hans-G.: "Beilsteins Handbuch der Organischen Chemie, 4th Ed. Suppl. III vol. 13" 1973, Springer Verlag, Berlin, Heidelberg, New York XP002111106 pg. 837, para. 4; pg. 838, para. 2; pg. 2155, para. 3.

- (3) Hochuli et al., "Printing of nontextile sheets", Chemical Abstracts, (1959) 53:15.
- (4) Kekre et al., 85:123834n Chemical Abstracts, (1976) 85:17.
- (5) Kishimoto et al., 108:37339s Chemical Abstracts, (1988) 108:5, p.584.
- (6) Luckenbach, Reiner: "Beilsteins Handbuch der Organischen Chemie, 4th Ed. Suppl. II vol. 13" 1985, Springer Verlag, Berlin, Heidelberg, New York XP002111107 pg. 1717, para. 1,2.
- (7) Mullink et al., 228120q Chemical Abstracts, (1989) 110:25, p.317.
- (8) Nishino et al., Chemical Abstracts, (1959) 53:12.
- (9) Patani et al., Chem. Rev., (1996) 96:3147-3176.
- (10) Richter, Friedrich: "Beilsteins Handbuch der Organischen Chemie, 4th Ed. Suppl. II vol. 13" 1950, Springer Verlag, Berlin, Göttingen, Heidelberg (DE) XP002111105 pg. 181, para. 6.
- (11) Sebe et al., 110:214736h Chemical Abstracts, (1989) 110:24, p.103.
- (12) Solomons et al., Anti-Cancer Drugs Des. (1997) 12(98):635-647.

(13) Webber et al., 110:3327n Chemical Abstracts,
(1989) 110:1, p.309.

The U.S. Patents, WO 97/40028, DE838,290, FR1,584,606,
and articles (1)-(8), (10), (11) and (13) listed above were
cited in an International Search Report that issued in
connection with International Application No.


PCT/US99/09005, from which the present application claims
priority. Articles (9) and (12) as well as International
Publication WO 99/5563 were made of record during the
prosecution of U.S. Patent Application 09/702,991, now U.S.
6,653,309, from which this application is divided. For the
Examiner's convenience, a copy of the International Search
Report is attached hereto. Applicants have not enclosed
copies of these documents because they were supplied in
connection with the prosecution of the parent application.
However, if the Examiner desires, applicants will provide
copies of these documents.

This Information Disclosure Statement is being
filed within three months of the application filing date,
and before the receipt of a first Office Action on the
merits. Therefore, pursuant to 37 C.F.R. §§ 1.97(b)(1) and

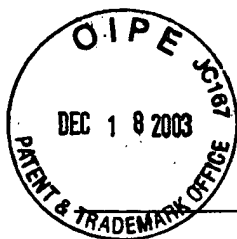
(c), no fee is required in connection with this Statement. If, however, the Director determines that any additional fees are due, the Director is hereby authorized to charge payment of the fees required in connection with this Information Disclosure Statement to Deposit Account No.06-1075.

It is respectfully requested that the Examiner (1) fully consider the enclosed references during the examination of this application; (2) initial the enclosed copy of Form PTO-1449 in the appropriate places to indicate that the references have been considered; and (3) return a copy of the initialed Form to the undersigned in accordance with MPEP §§ 609 and 2001.06(b).

Respectfully submitted,


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Larry Coury (Reg. No. 46,236)
Attorneys for Applicants
Lawrence M. Brown (Reg. No. 52,660)
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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
VPI/98-103 CON DIVAPPLN. NO.
10/671967INFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANT
Jeffrey O. Saunders, et al.FILING DATE
September 25, 2003GROUP
Not Yet
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1,935,554	11/14/33	Grether et al.	564	140	
	2,025,116	12/24/35	Lubs et al.	564	140	
	3,064,049	11/13/62	Cox et al.	564	173	
	4,242,260	12/30/80	Sasaki et al.	260	160	
	5,380,879	1/10/95	Sjogren, Eric B.	549	310	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 97/40028	10/30/97					
	WO 99/55663	11/4/99					
	838 290	5/28/50	Germany				
	1,584,606	7/30/68	France				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
	Barr et al., "Indoaniline dyes", <u>Chemical Abstracts</u> , (1961) 55:24.
	Boit, Hans-G.: "Beilsteins Handbuch der Organischen Chemie, 4 th Ed. Suppl. III vol. 13" 1973, Springer Verlag, Berlin, Heidelberg, New York XP002111106 pg. 837, para. 4; pg. 838, para. 2; pg. 2155, para. 3
	Hochuli et al., "Printing of nontextile sheets", <u>Chemical Abstracts</u> , (1959) 53:15.
	Kekre et al., "Syntheses and biological activity of 1,3-na-phthoxazine-2,4-diones", 123834n <u>Chemical Abstracts</u> , (1976) 85:17.
	Kishimoto et al., "Synthesis of anilide derivatives of 1-hydroxy-2=naphthoic acid", <u>Chemical Abstracts</u> , (1988) 108:5.

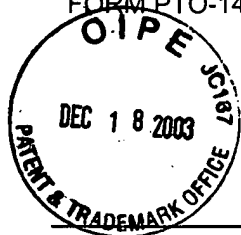
EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

EV133110491US

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	Mullink et al., "Combined immuno- and non-radioactive hybridocytochemistry on cells and tissue sections: influence of fixation, enzyme pretreatment, and choice of chromogen on detection of antigen and DNA sequences" 228120q <u>Chemical Abstracts</u> , (1989) 110:25, p.317.
	Nishino et al., "Azo dyes derived from catechol", <u>Chemical Abstracts</u> , (1959) 53:12.
	Patani et al., "Bioisosterism: A Rational Approach in Drug Design", <u>Chem. Rev.</u> , 1996 96:3147-76
	Richter, Friedrich: "Beilsteins Handbuch der Organischen Chemie, 4 th Ed. Suppl. II vol. 13" 1950, Springer Verlag, Berlin, Göttingen, Heidelberg (DE) XP002111105 pg. 181, para. 6
	Sebe et al., "Organic pigments - AS-RS naphthol derivatives", <u>Chemical Abstracts</u> , (1989) 110:24, p.103.
	Solomons et al., <u>Anti-Cancer Drugs Des.</u> (1997) 12(98):635-647.
	Webber et al., "A quantitative cytochemical assay for osteoclast acid phosphatase activity in fetal rat calvaria", 110:3327n <u>Chemical Abstracts</u> , (1989) 110:1, p.309.

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